

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An electrolyte layer for a fuel cell comprising:
a compact substrate having hydrogen-permeability;
a porous layer having pores, wherein the porous layer is inorganic and comprises a thin film, ~~multiple-layered~~ porous body that is directly formed on the substrate;
and

an inorganic electrolyte having proton-conductivity and supported in the pores, wherein the electrolyte includes a solid acid.

2-4. (Canceled)

5. (Previously Presented) A fuel cell comprising:
an electrolyte layer for a fuel cell according to Claim 1, and
an electrode disposed adjacent to the porous layer, on the side opposite the substrate.

6. (Currently Amended) A method of manufacturing an electrolyte layer for a fuel cell, the method comprising:

preparing a compact substrate having hydrogen-permeability;
forming, directly on the substrate, a porous layer having pores, wherein the porous layer is inorganic and comprises a thin film, ~~multiple-layered~~ porous body; and
supporting an inorganic electrolyte having proton-conductivity in the pores,
including:

introducing a solution of a solid acid into the pores of the porous layer,
and
drying the porous layer containing the solution.

7-8. (Canceled)

9. (Currently Amended) The electrolyte layer for a fuel cell according to Claim 1, wherein the ~~electrolyte-hydrogen permeable~~ layer further comprises palladium.

10. (Currently Amended) The method of manufacturing an electrolyte layer for a fuel cell according to Claim 6, wherein the ~~electrolyte-hydrogen permable~~ layer further comprises palladium.

11. (Canceled)